

# Converting Colors

Android(4287226317)

Have a look what the booklet for  
Android(4287226317) contains.

<b>Android(4287226317)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287226317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89E1CD
RGB	137, 225, 205
RGB Percent	54%, 88%, 80%
CMY	0.4627, 0.1176, 0.1961
CMYK	0.39, 0.00, 0.09, 0.12
HSL	166°, 59%, 71%
HSV	166°, 39%, 88%
XYZ	48.2612, 63.5766, 67.4855
YIQ	196.4080, -46.0280, -24.8760

# Conversions

## Conversions Part 2

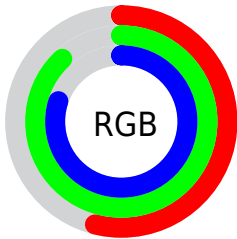
Format	Color
<a href="#">RYB</a>	<a href="#">137, 187, 225</a>
Decimal	<a href="#">9036237</a>
CIELab	<a href="#">83.74, -31.04, 1.45</a>
CIELCh	<a href="#">84, 31.075, 177.322</a>
Yxy	<a href="#">63.5766, 0.2691, 0.3545</a>
Android (android.graphics.Color)	<a href="#">4287226317</a> ( <a href="#">0xFF89E1CD</a> )
YUV	<a href="#">196.4080, 4.2359, -52.1008</a>
Hunter-Lab	<a href="#">79.7349, -31.4953, 5.6330</a>

# Details

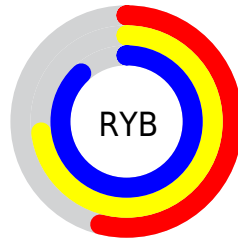
The Android color `4287226317` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292970909`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4290969599`, and `4283541911` is the 20% darker color. If you saturate the color by 10%, you get `4285718984`, and if you desaturate by 10%, it is `4288733650`.

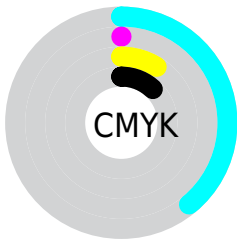
# Distribution



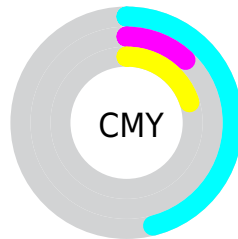
- Red (54%)
- Green (88%)
- Blue (80%)



- Red (54%)
- Yellow (73%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287226317 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4287226317 by changing the saturation by 10% instead.





4287226317



4287226317

4294967295



4285384114



4290969599



4283541911



4292870143



4281634685



4294770687



4279268708



4278213708



4278207286



4278201376



4278195721



4278190080

 4287226317

 4287226317

 4285718984


 4288733650

 4284277187

 4290175447

 4282835390

 4291617244

 4281328057

 4293124577

 4279820723

 4294566375

 4278378926

 4294959596

 4278247854

 4294959601

 4294959606

 4294959611

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289257136



4287226317



4286112235

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4287226317



4292004607



4294952097

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4287226317



4292970909

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294950327



4287226317



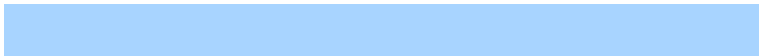
4294230513

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4287226317



4289254655



4294950101



4293447318

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4287226317



4286439163



4294950101



4294951335

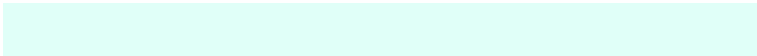


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4287226317



4292935672



4288602505



4285431931



4278190080



4286611584

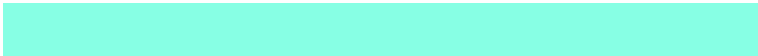


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287226317



4287102948



4287220449



4284837998



4278235272



4278202405



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292970909



4294936482



4292976777



4285556072



4289724456



4281335819



# Previews

## White Background



This preview shows how the Android color 4287226317 looks on a white background.

## Color Contrast Check

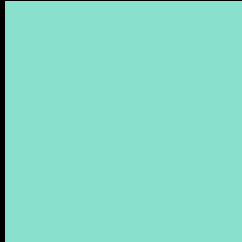
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4287226317 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

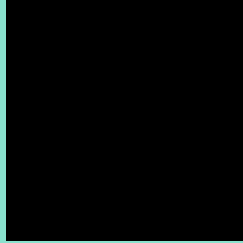
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

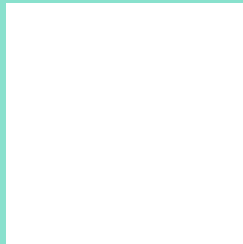
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287226317 Background



This preview shows how black text looks on a background with the Android color 4287226317.




This preview shows how white text looks on a background with the Android color 4287226317.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
4287749358

# Trichromacy



**Original Color**  
4287226317



**Protanomaly**  
4290434759



**Deuteranomaly**  
4290958032

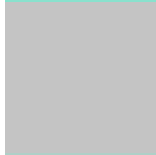


**Tritanomaly**  
4287553250

# Monochromacy



**Original Color**  
4287226317



**Achromatopsia**  
4291085508



**Achromatomaly**  
4289712071

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287226317 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 225, 205)` looks like.

```
.text, #text, p{  
    color:rgb(137, 225, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 225, 205) }
```

## Border

The CSS property to change the border of an element to Android 4287226317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

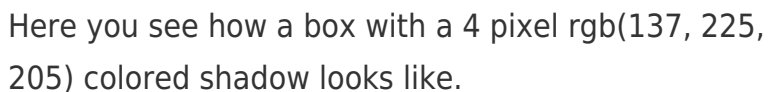
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 225, 205) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 225, 205) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(137, 225, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 225, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 225, 205); box-shadow:4px 4px 4px 4px rgb(137, 225, 205) }
```

# Background

The CSS property to change the background color of an element to Android 4287226317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 225, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
225, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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